STATE OF MONTANA, SE MUSSELSHELL COUNTY, SE

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COUNTY RECORDS

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R. Carlos F. Carlos .

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| G' | -Helena | Independent | Record |
|------|---------|-----------------|--------|
| File | No | *************** | |
| DUP | LICATE | E | |

| т 8 | NR | 27 E | €(| .35 |
|---------|-----|-------|------------|-----|
| County. | Mus | səlah | 011 | |

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961)

| John Bilyeu | | of Roundun | *************************************** |
|--|----------|--|---|
| (Name of Appropriator County of Musselshell | :) | (Address) State of Montana | (Town) |
| County of Musselshell | | State of Montana | |
| have appropriated groundwater a | ccording | g to the Montana laws in effect prior to J | [anuary 1, 1962, as fo] |
| lows: | | | |
| N. | | | |
| ** | 2. | The beneficial use on which the claim is l | pased |
| | | Stock | *************************************** |
| | | | |
| | | Date or approximate date of earliest benefit | |
| | | tinuous the use has been Do no | t know |
| | | *************************************** | · · · · · · · · · · · · · · · · · · · |
| E | | **** | |
| | | | |
| | 4. | The amount of groundwater claimed (in m | iner's inches or gallon |
| | | per minute) Do not know | |
| | | | |
| | | *************************************** | |
| | 5. | If used for irrigation, give the acreage a | and description of th |
| s | | If used for irrigation, give the acreage a lands to which water has been applied ar | nd name of the owne |
| | | thereof Not used | |
| 7 4 CM - 75 - 0 - 55 | | | |
| 8.4.SW Sec.35. T.8. R.27. | | | |
| dicate point of appropriation | | | |
| d place of use, if possible. | 6. | The means of withdrawing such water fro | m the ground and the |
| ach small square represents 10 | | location of each well or other means of wi | thdrawal |
| res. | | Pump | |
| | | | |
| drawal of groundwater DO n | ot kn | on of the construction of the well, wells, or | |
| The depth of water tableDo | not k | now | |
| deep | | e and depth of each well or the general twater Drilled, 6 inch casing | |
| | | | |
| The estimated amount of groundw | vater w | ithdrawn each year100000 rel | lon a year |
| | | drilling of each well if availableNon | |
| | | | |
| Such other information of a simila reference to book and page of any | r natur | e as may be useful in carrying out the polic record none | y of this act, includin |
| | | | |
| *************************************** | •••••• | *************************************** | <i></i> |
| | •••••••• | 0.1 | /h // |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

8576

Sate Dec. 10, 1963

STATE OF MONTANA, MUSSELSHELL COUNTY.

AT 3.54 O'CLOCK M.

B. H. MATZKE

COUNTY RECORDER

Llaine Jessma

\$2.00

| | C_{-} | | 1 1 | | 59 |
|----------------------------|----------------------------------|------------------------------|------------|---|---|
| | | | T | R .27 | |
| | | | | unchepui | |
| | MONTANA BUREA | U OF MINES AND utte, Montana | GEOLOGY | DECEIV Ni may 25 i | 7E () |
| | WAT | ER WELL LOG | Ş | STATE ENG | INEER |
| | Owner | Ennule . | Address | Soundul | , 1170mi |
| | Driller Paris | | | | |
| | Date Started | 2-3-41 | Date Comp | leted 2-2 | 1-41 |
| | Location: Sec. 35 T | r 8 r 21 | ¼ sec | ••••• | |
| Type of well | (Dug, driven, bored, or drilled) | Equipment used. | (Churn | Jungs dtill, rotary, other) | |
| Water use: Domestic | Municipal | Stock | | Irrigation |] |
| Industrial | Drainage | Other: | | · | |
| Casing:/ | ft. to | Type Galv | Size | Lui | |
| Casing 45 | ft. to <u>3<i>70</i></u> ft. | Type July | Size | 6 in | , |
| Casing: | ft. toft. | Туре | Size | | |
| Perforated or Screened: | Ft. 190 to ft. | 22,5 ⁻ . Ft. | Z20_ | to ft3.2. | <u></u> |
| Type of screen or perfora | itions | | | ***************************** | |
| Static Water level, for no | on-flowing well: | <u></u> | | *************************************** | feet. |
| Shut-in pressure, for flov | wing well: | lb./sq. in. on | : | (date) | |
| | feet | | | | |
| How tested: | ling | | | ••••• | |
| Length of test 30 | mi | | | | |
| Remarks: (Gravel pack | ing, cementing, packers, t | type of shut-off, | hut-off) | | |
| | | | | •••••• | |
| | | | | *************************************** | |
| | | | ****** | •••••• | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| | | •••••• | -414444444 | *************************************** | |
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(over)

Log of Well

| | | TOR OF ALCH | |
|-------------------|----------|---------------------------------|---------------------------------------|
| Deptl | n, feet | Description of Material Drilled | |
| From | То | Description of Material Diffied | |
| 95 | 110 | gran stule | |
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| 190 | 225 | | |
| .225 | 222 | Carl | |
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GROUNDWATER INDEX

Page ____of___

County Muscelphell Twp. 31 Rge.

| Sec. | Name of Appropriator | Type of Form | County File No. | Remarks |
|--------------|----------------------------------|--------------|--------------------|-------------|
| | Davin, Blrtd | 644 | 169878 | |
| 1 | 11 /1 | 6w3 | 169876 | |
| 2 | 11 1; | 6W3 | 169873 | |
| | Henricha Marcust Ilm | 15/100 | , _ , _ , _ , | |
| 3 | 11 11 | GW4 | 169821 | |
| 4 | Godfrey Deamy Vera | 6W4 | 169082 | |
| 4 | 110 0' 11 11 | 6W4 | 169086 | |
| 5 | 11 | GWZ | | |
| 6 | Coffena Robert | 571.06 | 165063 | |
| 6 | Goffena, L.W. | 57606 | | |
| 1 | Koller Delen | CW4 | 166165 | · |
| 10 | Himichs, Parcustlin | | 169817 | |
| 10 | Godfrey, Deans Verd | 6004 | 169084 | |
| | 110 0 11 11 | 604 | 104085 | |
| 16 | KOULL, KROM | 9004 | 109309 | |
| 18 | Godfrey Dean Vora | SWA | 109083 | |
| 19 | Kaugman, Gerald Koller, Nelen | 6002 | 183737 | |
| 72 | ROCKA, NIMA | 904 97C06 | 166166 | |
| 24 | Becour, Auror | 57/10 | | |
| 57 | Kaller Holom | 01111 | 166172 | |
| 77 | Koller, Jon | 5766 | 1001/2 | |
| 10 | Koller Dolen | 6/11/ | 166/68 | |
| 20 | NILL C. VIVIEW | GUIL | 15/0/69 | |
| 29 | 11 11 | 6014 | 166170 | |
| 29 | 11 /1 | 8W4 | 169370 | |
| 30 | 71 | 6W4 | 166167 | |
| 32 | Brown, Jim | BW4 | 169790 | |
| 33 | Kayman, Gerald | (du)2 | 182720 | |
| 34 | Koller, Allen | GW4 GW2 | 166171 | |
| 36 | 11 11 | GWZ | 166846 | |
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State of Montana Administrator of groundwater Code Office of State Engineer

| T8 |) | . R. | . 2 | ₩ 8 | | -1 |
|--------|-------|------|-----|--------------|----------|--------|
| County | r Mus | 9883 | .sŀ | 1 0 1 | 1. | \Box |
| نا نا | JΑ | N 1 | 0 | 10 | - - 4 | رلا |

DECLARATION OF VESTED GROUNDWATER RIGHTS

| (Unde | r Chapter 237, Montana Session Laws, 1961) STATE ENGINEER |
|---|---|
| (Name of Appropriato | r) (Address) (Town) State of Montana |
| » | The beneficial use on which the clain is based Stockwater Date or approximate date of earliest beneficial use; and how continuous the use has been 1946; in continuous use since. that date. The amount of groundwater claimed (in miner's inches or gallon |
| | per minute). 30. gallons. per minute |
| Indicate point of appropriation and place of use, if | lands to which water has been applied and name of the owner thereof |
| represents 10 acres. | location of each well or other means of withdrawal |
| 7. The date of commencement as works for withdrawal of gr | nd completion of the construction of the well, wells, or other ound water |
| | 85 Feet |
| specifications of any other 6. inch. casing, .80. feet | ble, the type, size and depth of each well or the general r works for the withdrawal of groundwal of groundwater |
| 10. The estimated amount of g | roundwater withdrawn each year. 153,000 gallons |
| ll. The log of formations enc | ountered in the drilling of each well if available Not available |
| 12. Such other information of policy of this act, inclu | a similar nature as may be useful in carrying out the ding reference to book and page of any count recordt available |
| | Signature of Owner. B. A. David |
| | Date . January 2, 1961 |

1.69878

STATE OF MONTANA, MUSSELSHELL COUNTY, S.

B. H. MATZKE

COUNTY RECORDER

DEPUTY

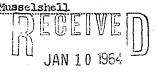
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File No ..

1905

DUPLICATE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE



Notice of Completion of Groundwater Appropriation ENGINEER Without Well

(Under Chapter 237 Montana Session Laws, 1961)

OFFICE OF STATE ENGINEER

| | Date of Appropriation of Groundwater |
|---|---|
| | Owner Bert H. Davis Address Delphia, Montana |
| | Contractor (if any)None |
| | Address of Contractor |
| | Date Started Date Completed |
| N | Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to |
| | water when applicable |
| | l Foet |
| X | |
| E CONTRACTOR DE | |
| | |
| | Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent |
| OF ME , & DA | estimate approximate lengths of periods of use. Plenty to |
| 8 14 ME sec 1 T 8 R28 | water a 150 cattle. Seven months |
| Indicate point of appropriation and place of use, if possible. | |
| • | |
| | |
| | Signature of Owner Dent H. Danis |
| | Date January 2, 1964 |

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONTANA, SS. MUSSELSHELL COUNTY.

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B. H. MATZKE

COUNTY RECORDER

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DEPUTY

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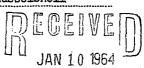
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DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Notice of Completion of Groundwater Appropriation ENGINEER Without Well

(Under Chapter 237 Montana Session Laws, 1961)

| | | Date of Appropriation of Groundwater 1905 |
|---|--|---|
| | | Owner Bert H. Davis Address Dolphia, Montana |
| | | Contractor (if any) |
| | | Address of Contractor |
| | • | Date Started Date Completed |
| | N | Describe means of obtaining groundwater without a well "as hy sub-irrigation and other natural processes". Include depth to |
| | | water when applicable |
| | | 1. Foet |
| | | |
| w | E | |
| | | |
| | | Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent |
| | N S | estimate approximate lengths of periods of use Plenty to |
| ^ | 8E 421 WSec. 2 T. J. R. 28 | water a 150 cattle. Seven months. |
| | Indicate point of appropriation and place of use, if possible. | |
| | | |
| | | |
| | | Signature of Owner Bent H. Danie |
| | | DateJanuary 2, 1961 |
| | | |

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONTANA,
MUSSELSHELL COUNTY. SS.

FILED THIS DAY OF

A. D. 19 64

AT COUNTY RECORDER

COUNTY RECORDER

DEPUTY

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| | | | | | 3 |
|---------------------------------|-----------------------------------|--------------|-------------|------------|-------------|
| Form No. 18 8-60 | | т | 3 | . 28 | |
| | | County | Muss | elshee | |
| M | ONTANA BUREAU OF ME Butte, Mor | | LOGY | | FE |
| | Water Well Marris Her er Would | A | dress | STATE ET | Montan |
| 1 1 1 1 1 | Started $f-5$ ion: Sec. 3 T. | | • | | |
| Type of well dud, | Equation or drilled) | uipment used | Churn, | rn dri | ber) |
| Water use: Domestic Industrial | Municipal Drainage | | | | |
| Casing:ft. to | | | | | |
| Casing:ft. to | ft. Ty | /pe | Siz | e | |
| Casing:ft. to | ft. Ty | /pe | Siz | e | |
| Perforated or screened | : Ft. 175 to ft. | 235. | Ft | _to ft | |
| Type of screen or perf | | | | | |
| Static water level, fo | r non-flowing well: | 115 | | | feet. |
| Shut-in pressure, for | flowing well: | lb./sq. | in. on: | (date) | |
| Pumping water level | feet at | | gal. per | | |
| Length of test | | | | | |
| Remarks: (Gravel pack shut-off) | ing, cementing, pac | ekers, type | of shu+- | off, depth | of I |

(over)

Log of Well

| Depth | feet | Description of Material Drilled |
|----------|------------------|---------------------------------|
| From | То | <i>⊙</i> ≃ |
| <u> </u> | 15 | seil |
| /> | ₃ 3 ℃ | ind web |
| 30 | 84 | see it skale y eval stucks |
| 84 | 124 | grey shale |
| 124 | 134 | shady slile |
| 134 | 180 | arrive i hrown shale |
| 180 | 181 | Raid grey rock |
| 181 | 197 | sandy shall |
| 197 | 198 | Brown shale |
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State of Montana Administrator of groundwater Code Office of State Engineer

| [D) | EC | E | 1964 | (ÎÎ |
|-----|-----|---|------|-----|
| UЦ | JAN | 3 | 1964 | W |

DECLARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 237, Montana Session Laws S1961 Jarens down F (Name of Appropriator) (Address) (Town)

County of All Annual State of Appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows: 2. The beneficial use on which the claim is based...... ralur 3. Date or approximate date of earliest beneficial use; and how 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner Indicate point of appropriation and place of use, if thereof..... possible. Each small square 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal..... represents 10 acres. 8. The depth of water table ... 3.5. 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.... 11. The log of formations encountered in the drilling of each well if available.. 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any count record......

Signature of Owner of January January Sall 1.11.3

MUSSEL SHELL COUNTY. SALE AD 19 60 A. D. 19 60 AT 6:48 MATZKE M.

COUNTY RECORDER

COUNTY RECORDER

DEPUTY

| g | - Approved Stor | k Form—State Publishing Co., Helena, Montana—41336 |
|---------------------|---|--|
| File No | · · | T8 N R. 28 |
| DUPLICATE | · | CountyMusselshell |
| | STATE OF MONTAN ADMINISTRATOR OF GROUNDS OFFICE OF STATE ENGINE | WATER CODE INEER DECEIVE DECEIVE |
| Decia | ration of Vested Grou (Under Chapter 237, Montana Sessi | nawater kignts |
| County of | 2. The beneficial use o spring, stock 3. Date or approximat tinuous the use has | Roundup (Address) (Town) Montans ws in effect prior to January 1, 1962, as follows: on which the claim is based natural flowing. kwater and irrigation te date of earliest beneficial use; and how considered to the continuous use. |
| w | 4. The amount of grou | undwater claimed (in miner's inches or gallons |
| | | allons per minute |
| Sec. 4. T. 8. R. 2. | 5. If used for irrigatio to which water has | • |

| er(| es. location of each well or other means of withdrawal |
|-----|---|
| 7. | The date of commencement and completion of the construction of the well, wells, or other works for with-drawal of groundwater1943 |
| 8. | The depth of water table ground level - spring flows naturally |
| 9. | So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater |
| | Spring was dug out and sides cemented and pipe placed into spring. Water flows through 1 1/2 in. pipe into creek. Water from spring flows into dam on creek and water is then pumped out of dam for irrigation. |
| 10. | The estimated amount of groundwater withdrawn each year. 500,000 gallons |
| 11. | The log of formations encountered in the drilling of each well if available |
| | |
| 12. | Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. |
| | Dlank Holley |
| | Signature of Owner / La |
| | Date December 6, 1963. |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

MUSSELSHELL COUNTY. ss.

B. H. MATZKE
COUNTY RYCORDER

DEPUTY

DAY OF

A. D. 19. (c. 3)

White the county of th

| _ | | | | 5 |
|----------------|---|--|---|---|
| ¢. | -Helena Independent Rec | ord , | | N E a sold |
| File | No | • | | T8. R. 28. |
| DU | PLICATE | _ | | County Musselshell |
| | | ADMINISTRA OFFIC | TATE OF MONTANA TOR OF GROUNDWATER CODE CE OF STATE ENGINEER f Vesied Groundwater Righ | DEC 10 1963 |
| | | (Under Chapte | r 237, Montana Session Laws, 1961 | D STATE ENGINEER |
| 1 | Dean E. and Vera | M. Godfrey Appropriator) | , of(Address) | Roundup, (Town) |
| | have appropriated gr lows: | oundwater accordi | State of Montana ng to the Montana laws in effect p | prior to January 1, 1962, as fol- |
| w - | N | | The beneficial use on which the household use and irrigation. Date or approximate date of earlied tinuous the use has been2.well of both wells | est beneficial use; and how con- |
| " - - | xx | 1. | The amount of groundwater claim per minute)20gallonsperr | ned (in miner's inches or gallons |
| L | . s | | If used for irrigation, give the a lands to which water has been a thereof | 3-28 |
| In an Ea | ₩¼ Sec4 T.8 dicate point of approp d place of use, if p ch small square repres res. | oriation ossible. 6. | The means of withdrawing such volume to the means of each well or other means | water from the ground and the ans of withdrawal |
| 7. | The date of commence drawal of groundwater | ement and comple er 1952 | tion of the construction of the well, | wells or other works for with- |
| 8. | The depth of water to | able 30' for | each well | |
| 9. | other works for the w Both wells 75' Both wells hav | vithdrawal of ground deep. Both are e jet pump and | size and depth of each well or the indwater | sing. 1 1 1/2 in. pipe, Pumps |
| 10. | The estimated amoun | t of groundwater | withdrawn each year | |
| 11. | The log of formations | encountered in the | e drilling of each well if available | |
| | *************************************** | | | |
| 12. | reference to book and | page of any count | re as may be useful in carrying out | *************************************** |
| | ••••••••••••••••••••••••••••••••••••••• | | Wear | E Halfrey |
| | | | Signature of Owner.2 | |
| | | | Date | December 6, 1963 |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

STATE OF MONTANA, MUSSELSHELL COUNTY. SS.

DAY OF

H. MATZKE COUNTY RECORDER

| 3W 2 | Approved Stock Form—State Publishing Co., Helena, Montana—42329 |
|---|---|
| File No | 45 T NR 28 |
| DUPLICATE | County Musselshell |
| rog | STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE |
| Top of Ground | OFFICE OF STATE ENGINEER |
| (Elev. above sea level | Notice of Completion of Groundwater |
| _ | Appropriation by Means of Well |
| - 20' soil | DEVELOPED AFTER JANUARY 1, 1962 |
| | (Under Chapter 237, Montana Session Laws, 1961) |
| | Owner Dean Godfy Address Roundup Mant |
| - 1.1. | Driller Ham Mc Can Madress Randy Mark |
| _ 35' snare | Date of Notice of appropriation of groundwater |
| | |
| - 45 shalet coal | Date well started Nove 1965 Date completed Nov 8,1965 |
| | Type of well Equipment used (Churn drill, rotary or other) |
| | Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ |
| 1 | Industrial ☐ Drainage ☐ Other ☐ Indicate on the diagram the character and thickness of the different stra |
| 67 samp | met which water is encountered, thickness and character of water-bearing |
| | strata and height to which the water rises in the well. |
| | Size of Size and From To Drilled Weight (Feet) (Feet) PERFORATIONS |
| 10 share | Hole of Casing To Size (Feet) (Feet) |
| - | 10 150 65 |
| - 1 | Stots |
| | |
| STATE WATER CONSERVATION BOA | RD . |
| NOV 16 1965 | N Static Water Level for non-flowing we |
| McDermott | fee |
| Butzer n McNulty Morton Morton | Shut-in Pressure for Flowing Well |
| Darlinton Sullivan | Pumping Water Level |
| | w atgal. per minute. Discharge in gal. per min. of flowing we |
| | |
| | How Tested |
| | Length of Test Remarks: (Gravel packing, cementing, pac |
| _ | stemarks: (Graver packing, cementing, packing, like 5 m 8 3 8 ers, type of shutoff) |
| _ | Indicate location of well and Court Cathanala |
| - | place of use, if possible. Each small square represents 40 |
| - | acres. |
| - | (Continue on reverse side |
| | USE—If used for irrigation, industrial, drainage or other. Explain, sta |
| _ | number of acres and location or other data (i.e.: Lot, Block and Add |
| _ _ | tion). |
| _ _ | |
| — — — Show exact depth of bottom. | tion). Lisestoch |
| Show exact depth of bottom. | |
| Show exact depth of bottom. This form to be prepared by driller, and three conclusion of the county of the county in which | vies to be filed by the owner with the |

of Montana, seeselshell county.

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selek untidijah maka ja ogeransi digen kangan kenang i kenang i kenang i kenang i kenang i Sasat. Kenang digentah digentah dengan kenal pada sebisah pada didapat di kenang kenang digen belang i Kenang Kenang

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Form No. 18 8-60

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| County | Musselsh | ell | | |

MONTANA BUREAU OF MINES AND GEOLOGY Butte, Montana

WATER WELL LOG

| Owner Robert . Goffens | Address houndur, Montana |
|--|--------------------------|
| Driller reters Equi: . Co. | Address Roundup, Montanu |
| Date Started June 1957 | |
| Location: Sec. 6 T. 8 R. | 28 ¼ sec. ₩1 |
| Type of well driven Equipment u | |
| Water use: Domestic Municipal Stoc | k Irrigation |
| Casing: 0 ft. to 30 ft. Type Steel | |
| Casing: 0 ft. to 87 ft. Type Galv | Size 6" |
| Casing: 75 ft. to 150 ft. Type 11cht | Galv Size 54" |
| Perforated or Screened: Ft. 120 to ft. 150 . | |
| Type of screen or perforations slot | |
| Static Water level, for non-flowing well: 14 | |
| Shut-in pressure, for flowing well:lb | |
| Pumping water level 25 feet at 10 | gal. per min |
| How tested: baling | |
| Length of test | |
| Remarks: (Gravel packing, cementing, packers, ty shut-off) | pe of shut-off, depth of |
| | <u> </u> |
| | |
| (over) | |

Log of Well

| Depth, feet | | | | |
|-------------|------------|--|--|--|
| From | To | Description of Material Drilled | | |
| _0 | 15 | dint | | |
| <u>15</u> | 26 | grayel | | |
| 26 | 30 | hlue shule | | |
| 30 | 35 | sandy licht shale | | |
| | 38 | gray shale | | |
| 38 | 50 | blue shule - soft | | |
| 50 | 58 | brown shale | | |
| 58 | 66 | Plue abale | | |
| _66 | 67 | hard candy shale | | |
| 67 | 70 | hard blue abale | | |
| 7 0 | 73 | brown abole goft | | |
| 73 | 79 | blue shale soft | | |
| 79 | <u>8</u> 5 | brown abule | | |
| 8= | 90 | brown shale soft | | |
| 90 | 100 | blue shale soft | | |
| 100 | 105 | blue shale | | |
| 115 | 117 | aray shele | | |
| 117 | 119 | blue shale | | |
| 119 | 123 | very hard grey rock | | |
| 123 | 130 | blue shale Frey sand | | |
| 130 | 135 | rey sand | | |
| 135 | 137 | gray sand | | |
| 137 | 140 | brown shale gray sand brown shale gray sand blue shale | | |
| 140 | 142 | blue shale Fray sand | | |
| 142 | 147 | 1 pine again | | |
| 147 | 149 150 | gray sand | | |

| 8-60 | 2 | r | R. <u>28</u> |
|--|------------------------------------|------------------|--|
| | (| County wussel | shell |
| MONTAN | A BUREAU OF MINES Butte, Montai | S AND GEOLOGY | HAR GRANE |
| | WATER WELL I | LCG | STATE ENGINEER |
| Driller Date Start | ed 1353 | AddressDate Con | Roundap, Mont. Roundap, Mont. mpleted Oct.1, 1959 sec. S of U |
| Type of well Driven, oured, Water use: Domestic | | | |
| Industrial [| | | |
| Casing: 0 ft. to 71 | | | |
| Casing:ft. to | ft. Type | S: | ize |
| Casing:ft. to | ft. Tyre | Si | ize |
| Perforated or Screened: Ft | . <u>50</u> to ft | 70 . Ft | to ft |
| Type of screen or perforati | ons slites | | |
| Static Water level, for non | | | feet. |
| Shut-in pressure, for flowi | ng well: | lb./sq. in. | on: |
| Pumping water level 40 | | | |
| How tested: voiler | · · · | | |
| Length of test 30 c.n | 11000 | | |
| Remarks: (Gravel packing, shut_off) | cementing, packer | rs, type of shut | t-off, depth of |
| ura vel | | | |
| | | | |
| | (over) | | |

Log of Well

| Depth, feet From To | | |
|------------------------|-------------|---------------------------------|
| From | То | Description of Material Drilled |
| 0 | 10 | Dirt |
| 10 | ଌ୕ଌ | Cravel & super rock |
| 80 | 33 | Shala |
| 40 | ತೆ) | Sana regit |
| ලිව | ű, | Litent a Alt send |
| | | Shala |
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| G. | -Helena Independent Record | | a (51 |
|-----------|--|--|---|
| File | No | | T. 8 N. R. 28 E. |
| DUI | PLICATE | | County Musselshell |
| | ADMINISTRA OFFIC ——————————————————————————————————— | TATE OF MONTANA ATOR OF GROUNDWATER COI CE OF STATE ENGINEER If Vesied Groundwater Ri | DED MCEIVED |
| | (Under Chapte | er 237, Montana Session Laws, 19 | ONTATE ENGINEER |
| | | | • • |
| 1 | Helen Keller (Name of Appropriator) County of Musselshell | (Address) | (Town) |
| | County of Musselsheil have appropriated groundwater according lows: | State of Montan ng to the Montana laws in effec | ia t prior to January 1, 1962, as fol- |
| ۲ | N | The beneficial use on which th | e claim is based Stockwater |
| | 3. | Date or approximate date of ear | rliest beneficial use; and how con- ay, 1950, and continuously |
| | | The amount of groundwater cla | imed (in miner's inches or gallons |
| - | | _ | r minute |
| | - - - - - - - | *************************************** | |
| Ļ | 5. | | e acreage and description of the applied and name of the owner |
| W1/4 | NM1/4 | | · |
| | Sec7 T8N. R.28E | | ······································ |
| and | licate point of appropriation I place of use, if possible. 6. | The means of withdrawing suc | h water from the ground and the |
| Ea acı | ch small square represents 10 | location of each well or other riack. Located in SN con | neans of withdrawal Pump and mex of NEI/4NW1/4NW1/4 of |
| 7. | The date of commencement and comple drawal of groundwater | tion of the construction of the we | ell, wells, or other works for with- |
| 8. | The depth of water table 100 ft. | | |
| 9. | So far as it may be available, the type, sother works for the withdrawal of grou | size and depth of each well or t | the general specifications of any |
| | | | · |
| | | ••••••••••••••••••••••••••••••••••••••• | |
| 10. | The estimated amount of groundwater | withdrawn each year16_20 | 0 gallons |
| 11. | The log of formations encountered in the | e drilling of each well if available | unknown |
| | | | |
| | | | |
| 12. | Such other information of a similar natureference to book and page of any count | re as may be useful in carrying of y record not applicable | ut the policy of this act, including |
| | | | 11, 11 |
| | | | Hole Ville |
| | | Da | ate April /3 , 1962 |
| Thre | ee copies to be filed by the owner with ted. | he County Clerk and Recorder o | f the county in which the well is |

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONTANA,
MUSSELSHELL COUNTY,

FILED THIS DAY OF

COLOCK M

B. H. MATZKE

COUNTY RECORDER

Laine County

3.00

| UPLICATE | | , | | 28 Isselshe |
|--|---|--|-----------------------------|---|
| | ADMINISTRAT | ATE OF MONTANA OR OF GROUNDWATER C OF STATE ENGINEER | TO THE | |
| | Declaration of | Vested Groundwater R 237, Montana Session Laws, | ights! ALE EN | GINEER |
| Mareus S (Name of A | <u>.</u> 1. | (Address) | | John (Town) |
| County of | while | State of Sta | ect prior to Januar | y 1, 1962, as fol- |
| N N | 2. | The beneficial use on which | the <u>claim</u> is based . | *************************************** |
| | + | Date or approximate date of e tinuous the use has been | | 6-1-1 |
| | | The amount of groundwater c | | |
| 8 | | If used for irrigation, give t | | |
| W4/1/Esec/0 T. 8 | R^{28} | thereof | | |
| Indicate point of appropriand place of use, if po Each small square repress acres. | ossible. 6. ents 10 | The means of withdrawing su location of each well or other | means of withdray | zal . |
| 7. The date of commence | ement and completion | on of the construction of the | well, wells, or other | works for with- |
| drawal of groundwate | r | 5-7 | 1-40 +0 6-1 | -40 |
| 3. The depth of water ta | ailable, the type, siz | te and depth of each well or | the general specif | ications of any |
| So far as it may be average of the works for the way. | Johnson | 2 Com | may port | |
| other works for the w | *************************************** | ithdrawn each veer | 1 /0-0 | gol |
| other works for the w | of groundwater w | imidiawii cacii year | | 7 |
| other works for the w | encountered in the | drilling of each well if availa | ole | |
| other works for the w | encountered in the o | drilling of each well if availal | ole | is act, including |
| other works for the w | encountered in the o | drilling of each well if availal | ole | is act, including |

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

THATE OF MONTANA, LESSELSHULL COUNTY, SES.
PHIED THIS 3/

LADAY OF

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COUNTY ERCORDER

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| G ~Helena Independent Record | • | | D E W |
|---|---|--|--|
| File No | | | T8 R. 28 |
| DUPLICATE D | ADMINISTRA OFFIC | FATE OF MONTANA TOR OF GROUNDWATER CO E OF STATE ENGINEER Vesied Groundwater Ri 237, Montana Session Laws, 1 | DEC 10 1963 |
| 1Dean E. and Vera M. (Name of App County ofMusselshe have appropriated groun lows: | Godfrey propriator) 11. dwater accordin | of | Roundup, (Town) et prior to January 1, 1962, as fol- |
| wx | 3. | Date or approximate date of eatinuous the use has been19 | he claim is based |
| | 5. 28 tion ble. 6. | If used for irrigation, give thereof The means of withdrawing succession of each well or other | ne acreage and description of the napplied and name of the owner the water from the ground and the means of withdrawal |
| 7. The date of commenceme | ent and complet 1952 | | rell, wells, or other works for with- |
| 9. So far as it may be available other works for the with Mell 77! deep | able, the type, sidrawal of groun Cased—to—bot th—engine. | ze and depth of each well or dwater tom with 6" casing, water | the general specifications of any withdrawn through 1 /.4 in. |
| 11. The log of formations end | countered in the | drilling of each well if availab | 00 gallons le not available |
| 12. Such other information o reference to book and page | f a similar natu ge of any county | re as may be useful in carrying | out the policy of this act, including |
| | | Signature of Owner | Dean & Troppey |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Date December 6, 1963.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONTANA, MUSSELSHELL COUNTY.

FILED THIS

DAY OF

B. H. MATZKE

COUNTY BECORDER

LASANTE

| c | I—Relena Independent Record | • | T 8 N R 28 |
|----------|--|---|--|
| File | No | | T 8 N R 28 |
| DU | PLICATE | | County Musselshell |
| | ADMINISTR | STATE OF MONTANA ATOR OF GROUNDWATER CO ICE OF STATE ENGINEER | ights STATE DE CE WARRING STATE DE CE WARRING 1963 |
| | | of Vested Groundwater R er 237, Montana Session Laws, | ights STATE ENGINEER |
| 1 | Dean E. and Vera M. Godfrey. (Name of Appropriator) | , of(Address) | Roundup, (Town) |
| | (Name of Appropriator) County of Musselshell have appropriated groundwater accord | State of Montana | ect prior to January 1, 1962, as fol- |
| | lows: | 3 | |
| | | | he claim is based |
| | | tinuous the use has been19 | arliest beneficial use; and how con- 52, continuous use |
| w | X | The amount of groundwater cl | aimed (in miner's inches or gallons |
| | | | |
| | s | thereof | ne acreage and description of the on applied and name of the owner |
| | | | |
| an Ea | licate point of appropriation d place of use, if possible. ch small square represents 10 res. | location of each well or other | ch water from the ground and the means of withdrawal |
| | | | |
| 7. | The date of commencement and complete drawal of groundwater1952 | | |
| 8. | The depth of water table125! | | • |
| 9. | So far as it may be available, the type, other works for the withdrawal of growwell 180 deep, cased to | ındwater | |
| | draw water to surface. | | |
| 10. | The estimated amount of groundwater | withdrawn each year300,100 | 0.gallons |
| 11. | The log of formations encountered in the not- | e drilling of each well if availab available | le |
| | | | |
| 12. | Such other information of a similar na reference to book and page of any cour | | |
| | | | 0 1 11 |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Signature of Owner.

DateDecember 6, 1963.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

STATE OF MONTANA,
MUSSELSHELL COUNTY. SE

FILED TILES DAY OF

A. D. 19 63

AT 4 5 O'CLOCK M

B. H. MATZKE

COUNTY RECORDER

DEPUTY

A CONTRACT OF THE CONTRACT OF

| DUPLICATE STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) 1. itelen. O'Dell Keller (Name of Appropriator) County of Musselshell have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows 2. The beneficial use on which the claim is basedstock.water 3. Date or approximate date of earliest beneficial use; and how cortinuous the use has been | GW . | Approved Stock Porm—State Publishing | Co., Helenn, Montana 38496 |
|--|-----------------|--|--|
| Declaration of Vested Groundwater code OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) 1. Helen O'Dell Keller (Name of Appropriator) (County of Mussalishell State of Montana have appropriated groundwater according to the Montana laws in effect prior to January I, 1962, as follows 2. The beneficial use on which the claim is basedstock.water 3. Date or approximate date of earliest beneficial use; and how continuous the use has beencontinuous since 18 4. The amount of groundwater claimed (in miner's inches or gallon per minute) | | ************************************** | ••••••••••••••••••••••••••••••••••••••• |
| 1. Helen O'Dell Keller (Name of Appropriator) County of Musselshell have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows 2. The beneficial use on which the claim is basedstock.water 3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 18 4. The amount of groundwater claimed (in miner's inches or gallon per minute). 3. gallons.per.minute 5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereo stock.water 5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereo stock.water 5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereo stock.water 5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereo stock.water 5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereo stock.water 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Natural flowing spring in NEI/4NWI/4SWI/4 Section 16. | DOFFICATE | STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER | DECEIVED |
| County of Musselshell State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows 2. The beneficial use on which the claim is based stock water 3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 18. 4. The amount of groundwater claimed (in miner's inches or gallon per minute) 5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof which water has been applied and name of the owner thereof sinch small square represents 10 costion of each well or other means of withdrawal. 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 8. Natural flowing spring in NEI/AWWI/45WI/4 Section 16. | ** * | Declaration of Vested Groundwater R (Under Chapter 237, Montana Session Laws, 1961) | ightsate enginee |
| County of Musselshell State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows 2. The beneficial use on which the claim is based stock water 3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 18. 4. The amount of groundwater claimed (in miner's inches or gallon per minute) 5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof which water has been applied and name of the owner thereof sinch small square represents 10 costion of each well or other means of withdrawal. 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 8. Natural flowing spring in NEI/AWWI/45WI/4 Section 16. | 1Helen | O'Dell Keller of. | *************************************** |
| 2. The beneficial use on which the claim is basedstock.water | County of | Musselshell State of Montana | |
| The state of the s | ndicate point o | 2. The beneficial use on which the claim 3. Date or approximate date of earliest tinuous the use has been | c beneficial use; and how continuous since 18 (in miner's inches or gallowinute ge and description of the land duame of the owner therefore ter from the ground and the of withdrawal. |
| | | | |
|). The estimated amount of groundwater withdrawn each year. 1,576,800 gallons | | | |
| The estimated amount of groundwater withdrawn each year. 1,576,800 gallons. The log of formations encountered in the drilling of each well if available. None. | reference to b | ook and page of any county record | |
| The estimated amount of groundwater withdrawn each year | | Signature of Owner | |

Helen O'Dell Keller
Date..December, 11, 1963.

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

STATE OF MONTANA, MUSSELSHELL COUNTY.

B. H. MATZEE

COUNTY RECORDER

| c | -Helena Independent Record | | | ال الله الله الله الله الله الله الله ا |
|---------|---|-------|---|---|
| Fil | e No | | | T. 8 R 28 |
| DU | PLICATE | | | County Musselshell |
| | | _ | TATE OF MONTANA | |
| | | | ATOR OF GROUNDWATER CODE CE OF STATE ENGINEER | DEC 10 1963 |
| | _ | | | UL DEC 10 1963 |
| | | | i Vesied Groundwater Right r 237, Montana Session Laws, 1961) | |
| | (Under Cr | apre | r 257, Montana Session Laws, 1901) | OTALL LINGINGER |
| 1 | Dean E. & Vera M. Godfrey (Name of Appropriator) | | of Roundup. Non (Address) | (Town) |
| | County of Musselshell have appropriated groundwater acc | cordi | (Address) State of Montana ng to the Montana laws in effect pr | rior to January 1, 1962, as fol- |
| | lows: | | | • , , |
| [| N N | 2. | The beneficial use on which the cl | aim is based |
| - | <u> </u> | 3. | Date or approximate date of earlies tinuous the use has beenJune. | • |
| W | E | 4. | The amount of groundwater claime per minute) 3 gallons per | d (in miner's inches or gallons |
| į | 8 | 5. | If used for irrigation, give the aclands to which water has been ap | |
| N | E 1/4 Sec. 18 T.8 R.28 | | | |
| ar E | ndicate point of appropriation and place of use, if possible. ach small square represents 10 | 6. | The means of withdrawing such w location of each well or other mean | ater from the ground and the |
| ac | eres. | | 1 1/4 in. pipe an | d pump |
| 7. | The date of commencement and cordrawal of groundwaterJune,1 | 1954. | tion of the construction of the well, v | *************************************** |
| 8. | The depth of water table125. | | | |
| 9. | So far as it may be available, the ty other works for the withdrawal of g 158' well cased to botto Water withdrawn by pump | groui | size and depth of each well or the ndwater ith bin. casing. 1 1/4 in. pip sucker rod through pipe. | e to bottom of well. |
| 10 | The estimated amount of groundwa | ater | withdrawn each year 300 000 a | allons |
| | _ | | | |
| 11. | The log of formations encountered in \$! sand rock; 10! blue shale! 8' hard rock; 15! blue shale: 25' blue shale; 8' sand ro | 5. | chilling of each well if available hlue shale; 10! blue sand roc 10! gray coal shale; 19! blue 4! blue shale; 10! sand rock, | k: 4! blue shale: |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Signature of Owner...

Date..

December 6th, 1963

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record......

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

FILED THIS 9 DAY OF THE PROPERTY OF THE PROPER

DRILLER'S LOG

depth at which water is found and

height to which water rises in well.

ness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show

Indicate the character, color, thick-

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

| | , . Dave | nobed at | TOF JANUA | ry 1, 1702 | | | | | | | |
|---|---------------------------------|---|--------------------|------------------------------|--|--------------|-----------------------------|--------------|-------------------|----------------------------|-----|
| (Under C | Chapter 237 | Montana | Session | Laws, 1961 | , as amen | ded) | Top of | Groun | d (Elev. : | above sea level) | |
| This form | to be prep | ared by | driller, a | nd three co d Recorder | pies to be | filed | From (Feet) | To (Feet) | | | |
| which the | ner will in | e County | copy to | be retained | by driller | inty in | 0 | 8 | topsoil | | |
| | | | | | • | | - ğ | 28- | prown sar | A PONE | |
| | wer all ques be returned | | nor appli | cable, so sta | ie, otnerwi | se the | 28 | 32 | | IGEOME . | |
| tom may | De leibilied | <u> </u> | | | | | | | coal blue gray | oho la | |
| | | | | | | | -33- | 53 | | | |
| Owner . | eraldKa | uf.man | | For Admi | nistrator's l | Jse | _53_ | 92_ | bentonite | | |
| Address De | n I what o | Sont | ĺ | File 1832. | 37 | i i | 97 | 105 | Sandy che | le & bento | عده |
| | | | ្រែ | | | | 105 | 135 | blue cras | the ared | |
| | | | Į. | May 24, 1 | 922 9:3 | 20.10 | | | bentonit | | |
| ****************************** | | *********** | •••••• | | | × | _135 | 146 | grey sand | (ticht) | |
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| com | nleted Man | 18. | 1022 | | | 1 | _122 | | | | |
| 20 | P.0.00 14613 | | ₩¥- & [| | | | 182 | 195 | grey shall | a bantoni | te_ |
| Type of we | of Dr4.13 a | A | | | | | 125 | 198 | sand w/ black | lue_shele | |
| .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | (D) | ıg, driven, bored | or drilled) | | 198 | 212 | | | |
| | | | | | | | | | bentonite | | |
| | | | ((| Chura drill, rotar | y or other) | | 212 | | | n shale & b | ent |
| | Domestic | | | Stock 🛣 | | | 314 | _323 | gray line | | |
| *************************************** | D 3 C 3 C | ٠,,,, | micipu | 3 DIOCK E | ı ırıgan | | 323 | 345 | gray white | <u>bentonite</u> | 1 |
| Indi | ustrial 🔲 | Drainage | | her 🗀* | Gardon /I a | | | | & blue sh | | |
| mac | 3311.di 🗀 | Diamage | , <u>L</u> | nei [] | Garden/La | wii [] | 345 | 349 | shale blue | and send(| 20% |
| *Describe | | | | | | | 349 | _358 | blue shale | . | |
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| USE: If use | ed for irrig | ation, in | dustrial, | drainage or | other. Ex | xplain, | | | ! | | |
| siare | number of a | acres and | location | or other da | ta (i.e. Lot, | Block | | | | | |
| and A | Addition) | | | | | | | | | | |
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| INDICATE | LOCATION | OF WELL | L AND P | LACE OF U | SE, IF POS | SSIBLE. | | | | | |
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Roundupy Mont. LICENSE NO. 207 358 Show exact depth of bottom

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 244 DAY OF

A. D. 19.72

AT 9:37 O'CLOCK P. M.

CLAUDE 1. FLETCHEK

COUNTY RECORDER

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| G —Helen | a Independent | Record |
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County Musselshell

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

RECEIVED

APK 17 1962

Declaration of Vested Groundwater Rights STATE ENGINEER (Under Chapter 237, Montana Session Laws, 1961)

| 1 | ZD | len Keller | | , of | Delphia (Town) |
|--|--|--|--|--|--|
| a | (1/\) | me of Appro | priator) | (Address)State ofMontana | (Town) |
| have lows: | appropri | ated groundy | vater accordi | ng to the Montana laws in effect prior t | to January 1, 1962, as fol- |
| <u> </u> | N | | 2. | The beneficial use on which the claim | |
| | | | | O DO CO. NO. DO CO. | ************************************** |
| | | | 3. | Date or approximate date of earliest ber tinuous the use has beenMay, 194 thereafter | 7, and continuously |
| W | | | E | *************************************** | |
| | | | 4. | The amount of groundwater claimed (in | _ |
| | | | - | per minute) 2 gallons per minu | |
| · | - | | | | *************************************** |
| <u> </u> | s | | 5. | lands to which water has been applied | l and name of the owne |
| 1/4NW1/4 | | | | thereof not applicable | and the second s |
| *************************************** | Sec 1 | 9. T8N R. 28 | æ | | |
| Indicate | point of | appropriatio | n . | | |
| | | e, if possible | | The means of withdrawing such water | from the ground and th |
| | all square | e represents 1 | .0 | location of each well or other means of | withdrawal Pipe and |
| 7. The draw | date of co | ommencement | t and comple | location of each well or other means of jack. Located in the SE corner of Section 19-8-28. tion of the construction of the well, wells menced and completed May. 1947. | |
| 7. The draw 8. The | depth of r as it ma works fo pipe an | water table ay be available the withdred jack. | 75 ft. | of Section 19-8-28. tion of the construction of the well, wells menced and completed May. 1947. size and depth of each well or the general means of the second size and depth. 6" casing. | eral specifications of an |
| 7. The draw 8. The e | depth of r as it ma works fo pipe an | water table ay be available the withdred jack. | 75 ft | of Section 19-8-28, tion of the construction of the well, wells menced and completed May, 1947. size and depth of each well or the gene ndwater 75 ft. deep. 6" casing. | eral specifications of an |
| 7. The draw 8. The content of the content of the content cont | depth of r as it ma works fo pipe an | water table ay be available the withdred jack. | 75 ft | of Section 19-8-28. tion of the construction of the well, wells menced and completed May. 1947. size and depth of each well or the general means of the second size and depth. 6" casing. | eral specifications of an |
| 7. The draw 8. The 6 9. So fa other | depth of r as it ma r works fo pipe an | water table ay be available the withdred jack. | 75 ft. | of Section 19-8-28, tion of the construction of the well, wells menced and completed May, 1947. size and depth of each well or the gene ndwater 75 ft. deep. 6" casing. | eral specifications of an |
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| 7. The draw 8. The 6 9. So fa other of 10. The 1 11. The 1 | depth of r as it may works for pipe an | water table ay be available or the withdred jack. amount of generations enco | 75 ft. le, the type, sawal of groundwater red in the | tion of the construction of the well, wells menced and completed May, 1947. size and depth of each well or the general meaning of the general size and depth of each well or the general withdrawn each year 4,368 gallons are as may be useful in carrying out the pay record not applicable. Signature of Owner 2 | eral specifications of an Withdrawn by means. |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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STATE OF MONTANA, SS. MUSSELSHELL COUNTY, SS.

ED THE

PRIST O'CLOCK M.

B. H. MATZKE

COUNTY RECORDER

DEPUTY

Well no.1,

T 8 R 28 E 22

County Music California

County March CEIVE | 10

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| MONTANA BUREAU OF MINES AND GEOLOGY FEE 28 1981 |
| · |
| WATER WELL LOG STATE ENGINEER |
| Owner Hanny Blagord Address Delphia |
| Driller Clyd Lands Address 114/11/14/12 |
| Date Started Date Completed & ec, 2/1960 |
| Location: Sec 2 2 T 8 R 2 8 1/4 sec |
| Type of well (Churn drill, rotary, other) |
| Water use: Domestic Municipal Stock Irrigation |
| Industrial Drainage Other: |
| Casing: O tt. to 22 4 Tt. Type flack surface 8 ecc |
| Casing: O tt. to 22 4 Tt. Type flach surface 8 enchr Casing: O tt. to 86 tt. Type galvanized size 6 enchr |
| Casing:ft. toft. TypeSize |
| Perforated or Screened: Ft to ft Ft to ft |
| Type of screen or perforations. |
| Static Water level, for non-flowing well: |
| Shut-in pressure, for flowing well:lb./sq. in. on:(date) |
| Pumping water levelfeet atgal. per min |
| How tested: |
| Length of test |
| Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) |
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Log of Well

Well 270.1,

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| MONTANA BUREAU OF MINES AND GEOLOGY TEB 28 1981 |
|---|
| WATER WELL LOG STATE ENGINEER |
| Owner Harry Held ford Address Delphia |
| Driller Charles Address / Milles al |
| Date Started Date Completed Date Completed |
| Type of well Aultid Equipment used Call |
| Type of well (Dug, driven, bored, or drilled) Equipment used (Churn drill, rotary, other) |
| Water use: Domestic Municipal Stock Irrigation |
| Industrial Drainage Other: Oasing: Oft. to 13 ft. Type 1 4 G. Size Size Size |
| Casing:ft. toft. Type |
| Casing:ft. toft. TypeSize |
| Perforated or Screened: Ft to ft to ft to ft to ft |
| Type of screen or perforations |
| Static Water level, for non-flowing well: |
| Shut-in pressure, for flowing well:lb./sq. in. on:(date) |
| Pumping water levelfeet atfeet atfo |
| How tested: |
| Length of test |
| Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) |
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Log of Well

| Depth | , feet | Description of Material Pulled | |
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صالح مو

| 4—Helena Independent Rec | ord | | |
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| ile No | • | | T 8 N. R 28 E. |
| JPLICATE | | | County Musselshell |
| | - | STATE OF MONTANA ATOR OF GROUNDWATER COI |)E |
| | the state of the s | CE OF STATE ENGINEER | DECEIVED |
| | Declaration of | of Vested Groundwater Rig | ihis 17, 1962 |
| | (Under Chapte | er 237, Montana Session Laws, 19 | STATE ENGINEER |
| Helen Ke | ller | , of | Delphia |
| (Name of County of have appropriated gr | Appropriator) selshell oundwater accordi | , of | (Town) t prior to January 1, 1962, as |
| lows: | | • | |
| N N | 2. | . The beneficial use on which the stock water | e claim is based |
| | 3. | . Date or approximate date of ear | |
| x | | tinuous the use has beenAu tinuously thereafter. | gust 10, 1950, and con- |
| | E | *************************************** | *************************************** |
| | 4. | The amount of groundwater claim | |
| | | per minute) 2 gallons pe | r alnute |
| | 5. | If used for irrigation, give the lands to which water has been | acreage and description of |
| | | thereof not applicable. | |
| 4NW1/4 Sec26 T.8N | R.282 | | |
| ndicate point of approp nd place of use, if p | | The moone of withdrawing and | motor from the many J J |
| ach small square represeres. | | The means of withdrawing such location of each well or other m jack. Located in the NW1 26-8-28. | neans of withdrawalPipe & /4SW1/4NW1/4 of Section |
| The date of commence drawal of groundwat | ement and comple er Commen | etion of the construction of the we aced and completed August 10 | ll, wells, or other works for w |
| The depth of water t | able200 | ft. | |
| So far as it may be avother works for the v | vailable, the type, s vithdrawal of grou | size and depth of each well or t ndwater200 ft. deep. 6 | "casing. Withdrawn by |
| | | | |
| | *************************************** | | |
| The estimated amoun | t of groundwater | withdrawn each year 65,52 | O gellons. |
| The log of formations | encountere th | e drilling of each well if available | unknown |
| | | | |
| Such other information reference to book and | on of a similar nat page of any coun | ure as may be useful in carrying o | ut the policy of this act, inclu |
| | | | |
| | | Signature of Owner | Telle V nole F |
| | | • | te April /3 , 1962 |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

STATE OF MONTANA, MUSSELSHELL COUNTY. B. H. MATZKE

COUNTY RECORDER

DEPUTY

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County Market WE TO ECE VE TO Butte, Montana

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| _ | WATER WELL LOG | STATE ENGINEER |
| Driller | Addres Les Los Addres March 25 96 Date Co | JHIM TOURS |
| Type of well (Dug. driven, bored, or | Equipment used(CI | |
| Water use: Domestic M | unicipal Stock Stock | Irrigation |
| Industrial I | Orainage Other: | |
| Casing: <u>û</u> ft. to <u>/ 5</u> | tt. Type file of the Size | Sincle |
| Casing: 0 ft. to 240 | tt. Type Islandie Size | Cincle |
| Casing:ft, to | • | |
| Perforated or Screened: Ft | to ft Ft | to 1t |
| Type of screen or perforations | | *************************************** |
| Static Water level, for non-flowing well: | | feet. |
| Shut-in pressure, for flowing well: | lb./sq. in. on: | (date) |
| Pumping water level | feet at | gal. per min |
| How tested: Kake | *************************************** | ······································ |
| Length of test | | |
| Remarks: (Gravel packing, cementing, p | eackers, type of shut-off, depth of shut-off | off) |
| *************************************** | | |
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Log of Well

| Depth, feet | | - 1.1 And A. 1.2 To (11) |
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| 80 | 10-5 | said rack |
| 100 | 105 | voudy shale |
| 105 | 130 | sand rack |
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| 160 | 250 | gely shale |
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| C - | 1-Helens Independent Record | | | લ મેરુ |
|------------|--|--|---|--|
| File | e No | | | T. 8 N. R. 28 E. |
| DU | PLICATE | | | County Musselshell |
| | 1 | ADMINISTRA OFFIC | STATE OF MONTANA ATOR OF GROUNDWATER CO CE OF STATE ENGINEER of Vested Groundwater Ri er 237, Montana Session Laws, 1 | DECEIVED |
| | 98-9 | | | |
| 1 | (Name of A | propriator) | , of(Address) | Delphia (Town) t ct prior to January 1, 1962, as fol- |
| | County or Mussels | hell | State of Montana | L |
| | have appropriated grou lows: | ndwater accordi | ing to the Montana laws in effe | ct prior to January 1, 1962, as fol- |
| ſ | N | | | he claim is based .Household |
| - | * | 3. | tinuous the use has been | urliest beneficial use; and how con- April 10, 1950, and |
| w | | E 4. | | aimed (in miner's inches or gallons |
| | | | per minute) 15 gallons | per minute |
| <u>[</u> | s | | | ne acreage and description of the napplied and name of the owner |
| NW. | 1/4NV1/4 Sec.29 T8N. F | R28E | *************************************** | |
| an Ea | dicate point of appropri- ad place of use, if pos- ach small square represen | sible. 6. | The means of withdrawing suc | th water from the ground and the means of withdrawal Jet pump, /4NN1/4 of Section 29-8-28. |
| ac | res. | | | /4NN1/4 of Section 29-8-28. |
| 7. | drawal of groundwater | Commenced.s | ndcompleted.April10,195 | ell, wells, or other works for with- |
| 8. | | | | |
| | So far as it may be avai other works for the with means of pipe and i | lable, the type, s hdrawal of grou et pump | size and depth of each well or ndwater 57ftdeep | the general specifications of any casing. Nithdrawn by |
| | | | | |
| 10. | | | | 00 gallons |
| 11. | The log of formations en | countered in the | _ | eunknown |
| | | | | |
| 12. | Such other information reference to book and pa | age of any count | ure as may be useful in carrying of the second | out the policy of this act, including |
| | | | | Helen Weller |
| | | | | ateApril/3, 1962 |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

STATE OF MONTANA,
MUSSELSHELL COUNTY. SE.

FILED THIS _______ DAY OF

A. D. 19 6 2

AT ________ O'CLOCK _______ M.

B. H. MATZKE

COUNTY RECORDER

James __________ DEPUTY

T. 8 N. R 28 E.

County Musselshell

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

RECEIVED

| 1 | Helen Keller | | of | Deinhia |
|--|--|---|--|--|
| | (Name of Appropriator) | | , of. (Address) | (Town) |
| C h | ounty of | ordin | State of Montana g to the Montana laws in effect prior | r to January 1, 1962, as fol |
| | N | 2. | The beneficial use on which the claimuse and stock water. | |
| | X | 3; | Date or approximate date of earliest linuous the use has beenAugust tinuously thereafter. | 15, 1953, and con- |
| | E | 4. | The amount of groundwater claimed per minute) 5 gallons per min | (in miner's inches or gallon |
| | 8 | 5. | If used for irrigation, give the acre lands to which water has been appli thereof not applicable. | eage and description of the |
| /4NW | 1/4 Sec29. T8N. R.28E | | | |
| Indic | ate point of appropriation place of use, if possible. | _ | | |
| Each | small square represents 10 | 6. | The means of withdrawing such water location of each well or other means Located in the SE1/4NE1/4NW1/4 | of withdrawal Jet Pump. 4 of Section 29-8-28. |
| Each acres 7. Ti | small square represents 10 | npleti | location of each well or other means Located in the SE1/4NE1/4NW1/4 | of withdrawal Jet Pump. 4 of Section 29-8-28. ells, or other works for with |
| Each acres 7. Ti | small square represents 10 he date of commencement and c | npleti ced | location of each well or other means Located in the SE1/4NE1/4NW1/4 ion of the construction of the well, we and completed August 15, 1953. | of withdrawal Jet Pump. 4 of Section 29-8-28. |
| Each acres 7. Ti | small square represents 10 he date of commencement and of groundwater table. The date of commencement and | apleti ced 40 f pe, si | location of each well or other means Located in the SEI/4NEI/4NMI/4 ion of the construction of the well, we and completed August 15, 1953, t. ze and depth of each well or the ge dwater 40 ft, deep, 6" casis | of withdrawal Jet Pump. 4 of Section 29-8-28. ells, or other works for withdrawal specifications of anymag. Withdrawa by |
| Each acres 7. Tidi 8. Ti 9. So | small square represents 10 he date of commencement and of groundwater | apleti ced | location of each well or other means Located in the SE1/4NE1/4NW1/4 ion of the construction of the well, we and completed August 15, 1953. t. ze and depth of each well or the gedwater 40 ft. deep. 6" casis | of withdrawal Jet Pump. 4 of Section 29-8-28. ells, or other works for withdrawal specifications of anymag. Withdrawal by |
| Each acres 7. Ti dr 3. Ti | small square represents 10 the date of commencement and of groundwater table | apleti ced 40 f | location of each well or other means Located in the SE1/4NE1/4NM1/4 ion of the construction of the well, we and completed August 15, 1953. It. ze and depth of each well or the gedwater | of withdrawal Jet Pump. 4 of Section 29-8-28. ells, or other works for with eneral specifications of any age. Withdrawn by |
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| Each acres 7. Tidd | small square represents 10 he date of commencement and commencement and commencement and of groundwater | 40 f | location of each well or other means Located in the SE1/4NE1/4NM1/4 ion of the construction of the well, we and completed August 15, 1953. It. ze and depth of each well or the gedwater | of withdrawal Jet Pump. 4 of Section 29-8-28. ells, or other works for withdrawn specifications of anyma. withdrawn by allons e policy of this act, including |

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

STATE OF MONTANA,
MUSSELSHELL COUNTY, SEL

PILED THIS

DAY OF

A D. 19

AP

B. H. MATZKE

COUNTY RECORDER

DEPUTY

Carolina Anti-

Property of the Control of the Contr

| Record | | - |
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| | , | r 8 N. R 28 E. |
| ****** | | County Musselshell |
| S | | County |
| ADMINISTRA | ATOR OF GROUNDWATER CODE | DECEIVE |
| | • | , |
| (Onaci Onapio | 201, 120114111 2005001 20115, 12017 | STATE ENGINEE |
| n Keller | of. | Delphia |
| of Appropriator) | (Address) | (Town) |
| groundwater accordi | ng to the Montana laws in effect pri | ior to January 1, 1962, as fol- |
| | stock water | *************************************** |
| 3. | tinuous the use has been Octob | er 10, 1952, and con- |
| E | The amount of groundwater claimed | |
| 4. | | firm minica a finerica or Egitoria |
| 4. | per minute) 5 gallons per mi | nute |
| | Declaration of (Under Chapter of Appropriator) Musselshell groundwater according 2. | STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER Declaration of Vested Groundwater Rights (Under Chapter 237, Montana Session Laws, 1961) En Keller of Appropriator) Musselshell groundwater according to the Montana laws in effect price of the Montan |

location of each well or other means of withdrawal ... pipe sad jack. Located in the NEI/4SEI/4NWI/4 of Section 29-8-28. 8. The depth of water table 40 ft. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 40 ft. deap. 5" casing. Withdrawn by means of pipe and jack.

and place of use, if possible.

Each small square represents 10

acres.

10. The estimated amount of groundwater withdrawn each year21,090 gallons. 11. The log of formations encountered in the drilling of each well if available unknown

Signature of Owner...

Date April 13, 1962

6. The means of withdrawing such water from the ground and the

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

STATE OF MONTANA, MUSSELSHELL COUNTY.

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B. H. MATZKE

COUNTY RECORDER

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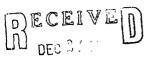
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| | STATE OF MONTANA | |
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| DUPLICATE | | CountyMusselshell |
| File No | | T8 R28 |
| C ,-Helena Independent Record | | 29 |
| | | |

ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER



Declaration of Vested Groundwater Rights STATE ENGINEER (Under Chapter 237, Montana Session Laws, 1961)

| , | (Name of Appropriator | •) | (Address) (Town) |
|---------------------------------------|---|--------------------|---|
| County of Musselshell | | | , of |
| h | nave appropriated groundwater a ows: | ccordir | ng to the Montana laws in effect prior to January 1, 1962, as fol |
| | N | 2 | The beneficial use on which the claim is based |
| | | ۵. | stock water |
| | | 3. | Date or approximate date of earliest beneficial use; and how con tinuous the use has beencontinuous since 1880 |
| | | | |
| | - - _x - | 4. | The amount of groundwater claimed (in miner's inches or gallon |
| | | | per minute) 3 gallons per minute |
| | 8 | 5. | If used for irrigation, give the acreage and description of th lands to which water has been applied and name of the owne |
| 1/4 | 4NE1/4 7 1/4 Sec. 29 T 8 R 28 | | thereof stock water |
| | cate point of appropriation | | |
| nd | place of use, if possible. | 6. | The means of withdrawing such water from the ground and th |
| ach cre | n small square represents 10 | | location of each well or other means of withdrawal |
| đ | The date of commencement and cdrawal of groundwater1880 | ••••• | ion of the construction of the well, wells, or other works for with |
| d | The date of commencement and c drawal of groundwater1880 | •••••• | ion of the construction of the well, wells, or other works for with |
| . I | The date of commencement and chrawal of groundwater | type, s | ion of the construction of the well, wells, or other works for with |
| . I | The date of commencement and chrawal of groundwater | type, s | ion of the construction of the well, wells, or other works for with |
| . I | The date of commencement and chrawal of groundwater | type, s | ion of the construction of the well, wells, or other works for with |
| d | The date of commencement and chrawal of groundwater | type, s f groun | ion of the construction of the well, wells, or other works for with |
| d | The date of commencement and chrawal of groundwater | type, s f groun | ion of the construction of the well, wells, or other works for with ize and depth of each well or the general specifications of an idwater None withdrawn each year 1,576,800 gallons |
| d d d d d d d d d d d d d d d d d d d | The date of commencement and chrawal of groundwater | type, sif ground | ion of the construction of the well, wells, or other works for with ize and depth of each well or the general specifications of an idwater None. withdrawn each year 1,576,800 gallons drilling of each well if available None re as may be useful in carrying out the policy of this act, including y record None |
| d d d d d d d d d d d d d d d d d d d | The date of commencement and chrawal of groundwater | type, sif ground | ion of the construction of the well, wells, or other works for with ize and depth of each well or the general specifications of an idwater None. withdrawn each year 1,576,800 gallons drilling of each well if available None re as may be useful in carrying out the policy of this act, including y record None |
| d d d d d d d d d d d d d d d d d d d | The date of commencement and chrawal of groundwater | type, sif ground | withdrawn each year |

STATE OF MONTANA, MUSSELSHELL COUNTY. SS.

FILED THIS 26 DAY OF

The particular of Area as seems and the

1.47.53

THE CONTRACTOR OF THE CONTRACT

AT //:17 O'CLOCK AM.

B. H. MATZKI
COUNTY RECORDER

COUNTY RECORDER

5 5 10

SW1/4NW1/4 . Sec.30 ... T. SN. R....28E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

| 2. | The beneficial use on which the claim is based |
|----|---|
| 3. | Date or approximate date of earliest beneficial use; and how continuous the use has been April 25, 1956, and continuously thereafter. |
| 4. | The amount of groundwate: claimed (in miner's inches or gallons per minute) 3 gallons per minute |
| 5. | If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereofnot applicable |
| 6. | The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pipe and jack. Located in the SN1/4SW1/4NW1/4 Section 30-8-28. |

200 ft. 8. The depth of water table So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 200 ft. deep. 6" casing. Withdrawn by means of pipe and jack. 10. The estimated amount of groundwater withdrawn each year648,2000 gallons..... 11. The log of formations encountered in the drilling of each well if available _____unknown 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable

Signature of Owner. Date April

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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Section 19 Control of the Control of

The section of which the section

012 STATE OF MONTANA, MUSSELSHELL COUNTY. SE-MUSSIELSHELL

FILID THIS DAY C.

A. D. 19

AT // 8 O'CLOCK M.

R. H. MATZKE

GOUNTY RECORDER

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